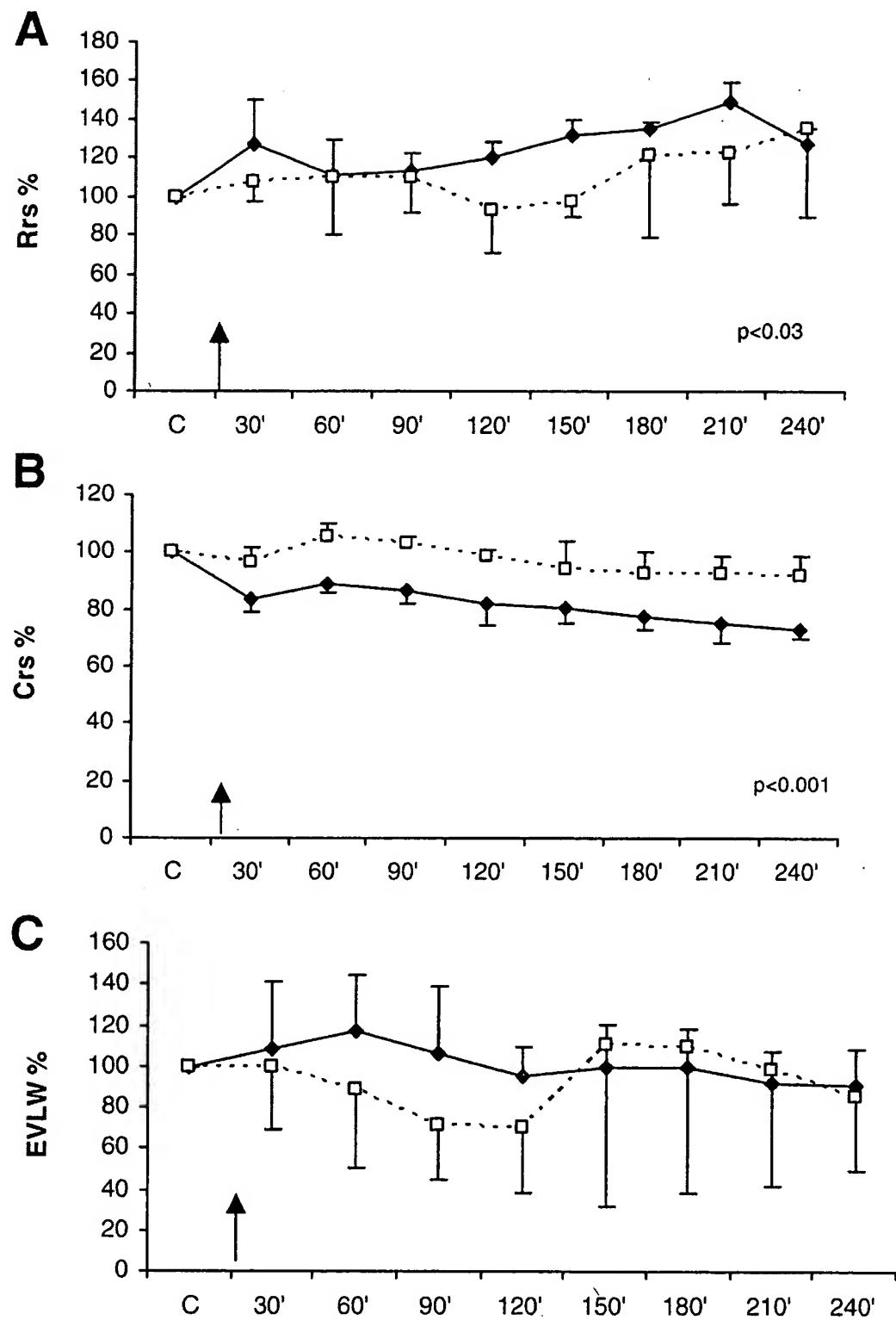
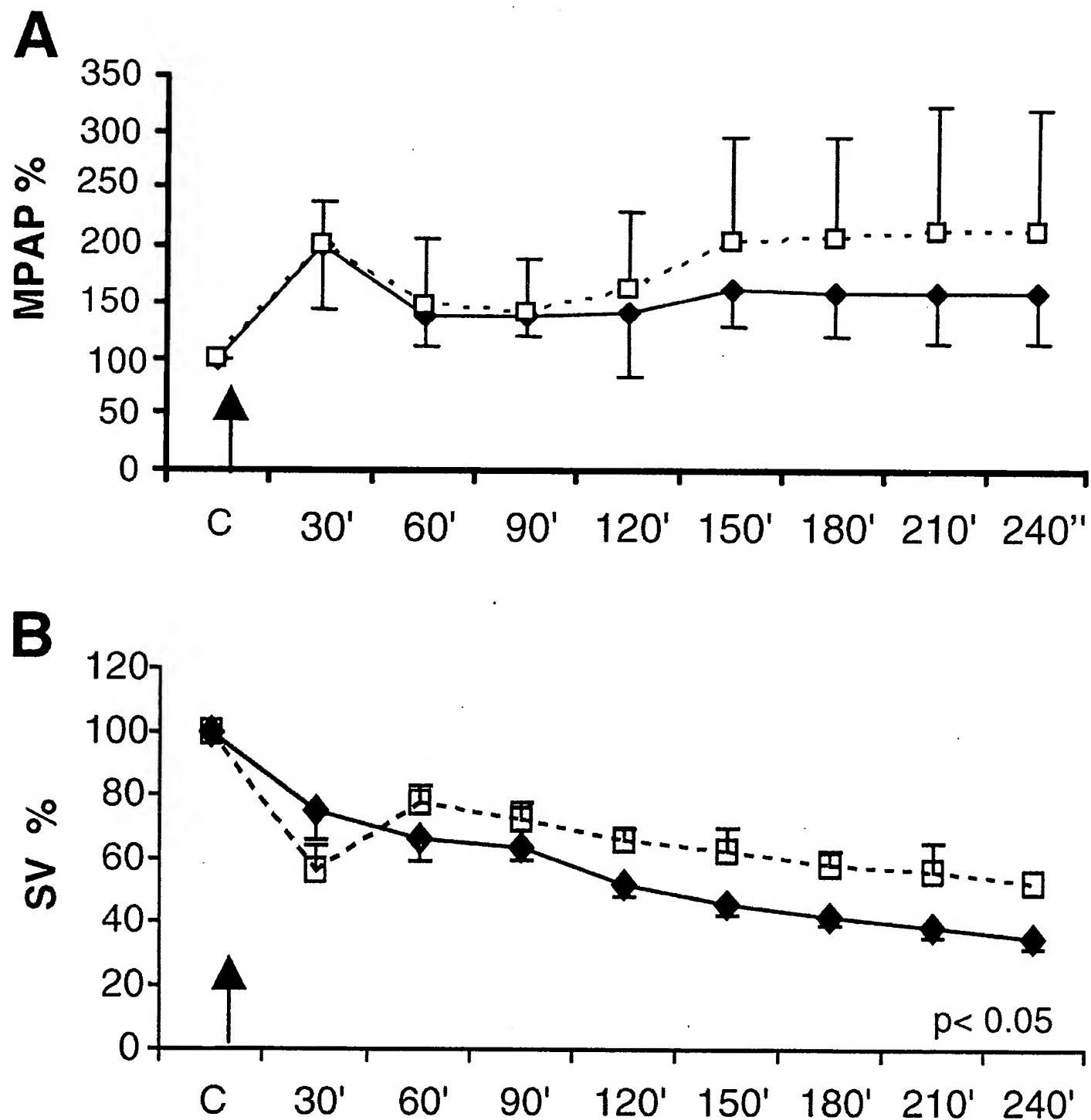


**Fig. 1**



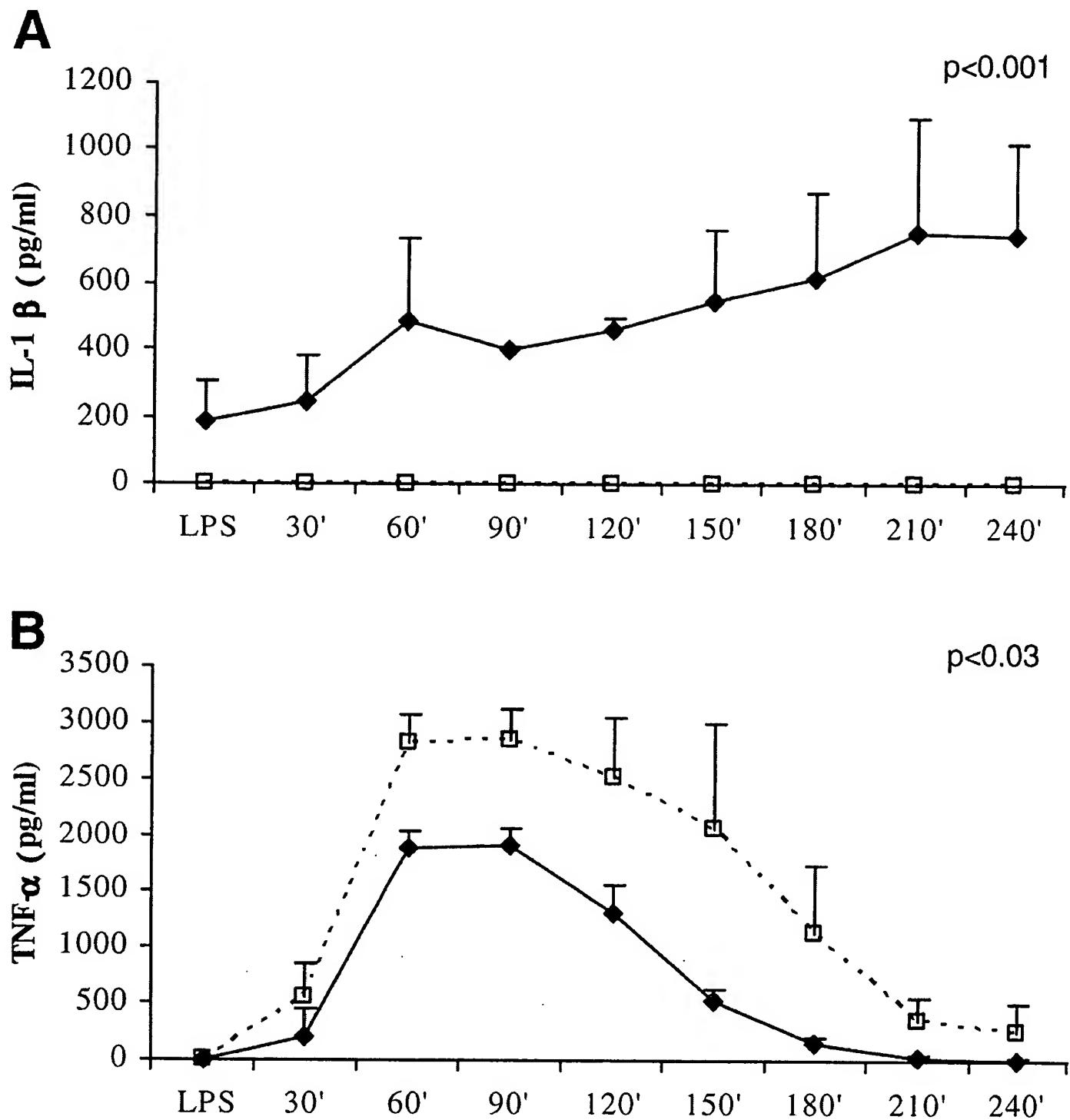
**Figure 1.** Changes in respiratory parameters and extravascular lung water in pigs: LPS group (solid line) and CO-LPS group (broken line). Arrows indicate the beginning of LPS administration. **A)** Resistances of respiratory system (Rrs). **B)** Compliance of respiratory system (Crs). **C)** Extravascular lung water. Values are mean percentage with respect to time C  $\pm$  SD.

Fig. 2



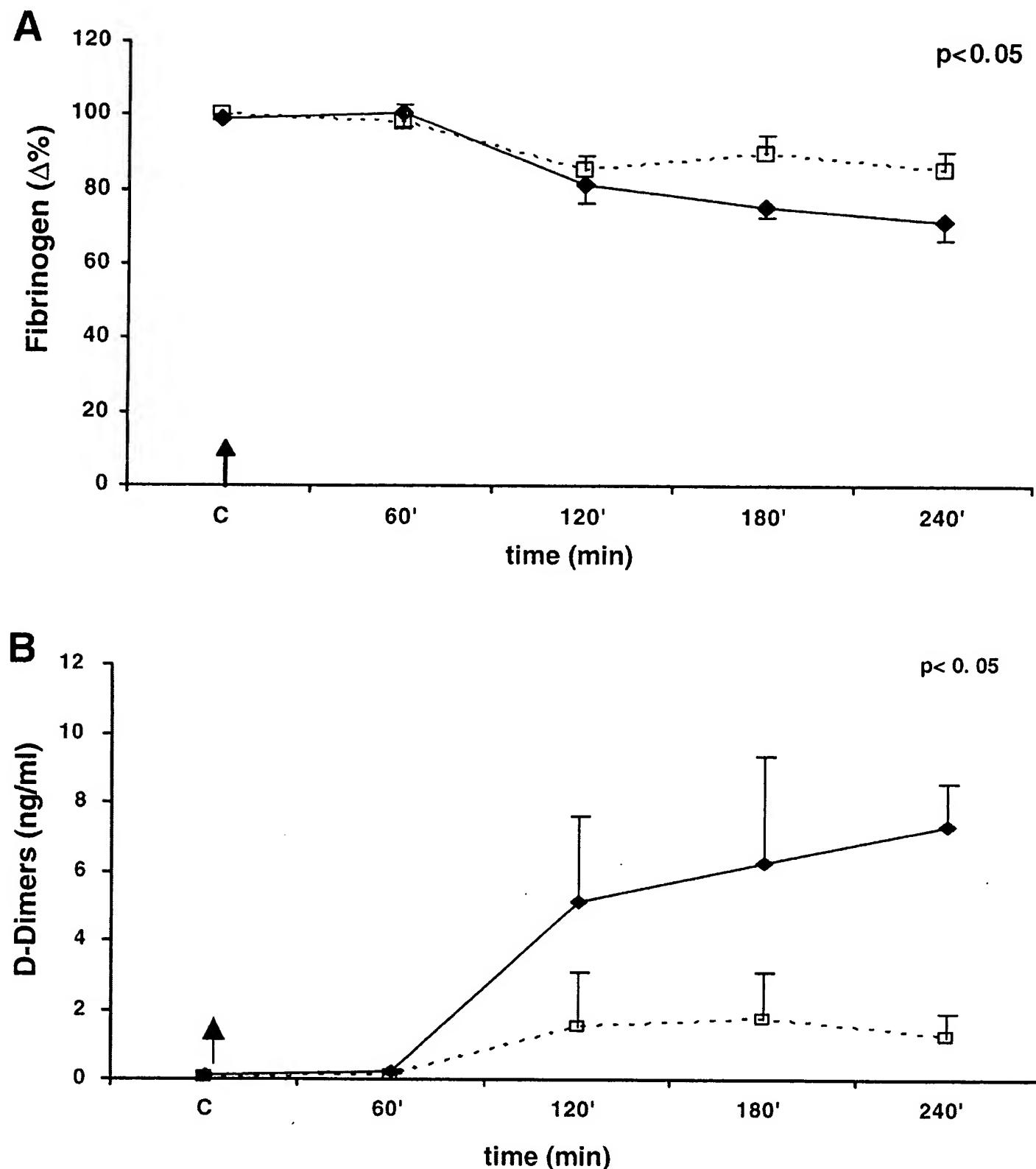
**Figure 2.** Changes in circulatory and cardiac parameters in pigs: LPS group (solid line) and CO-LPS group (broken line). Arrows indicate the beginning of LPS administration. **A)** Mean pulmonary arterial pressure (MPAP). **B)** Stroke volume (SV). Values are mean percentage with respect to time C  $\pm$  SD.

**Fig. 3**



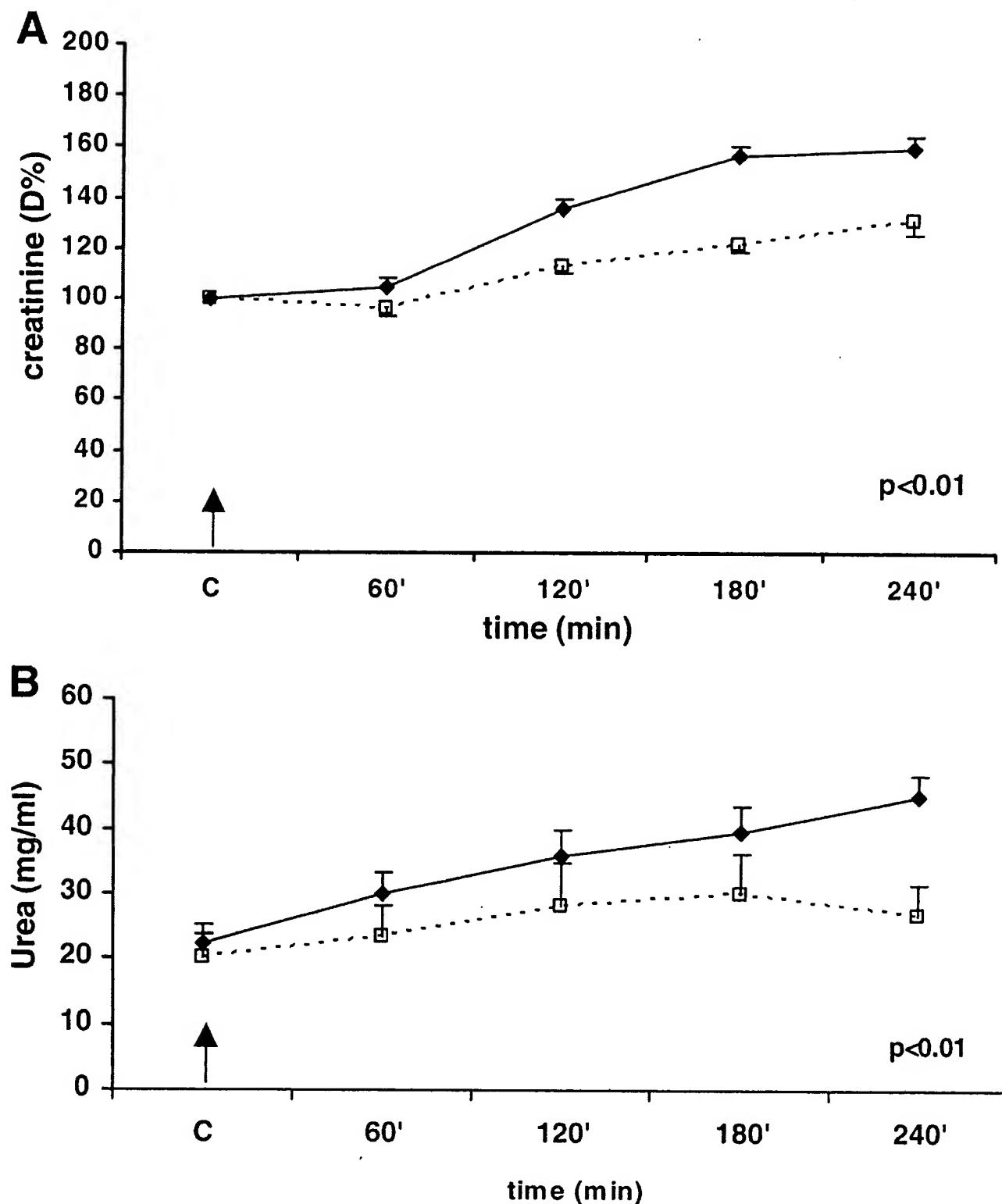
**Figure 3.** Changes in cytokine production in pigs of LPS group (solid line) and CO-LPS group (broken line). **A)** IL-1 $\beta$ . **B)** TNF- $\alpha$ . Values are pg/ml  $\pm$  SD.

**Fig. 4**



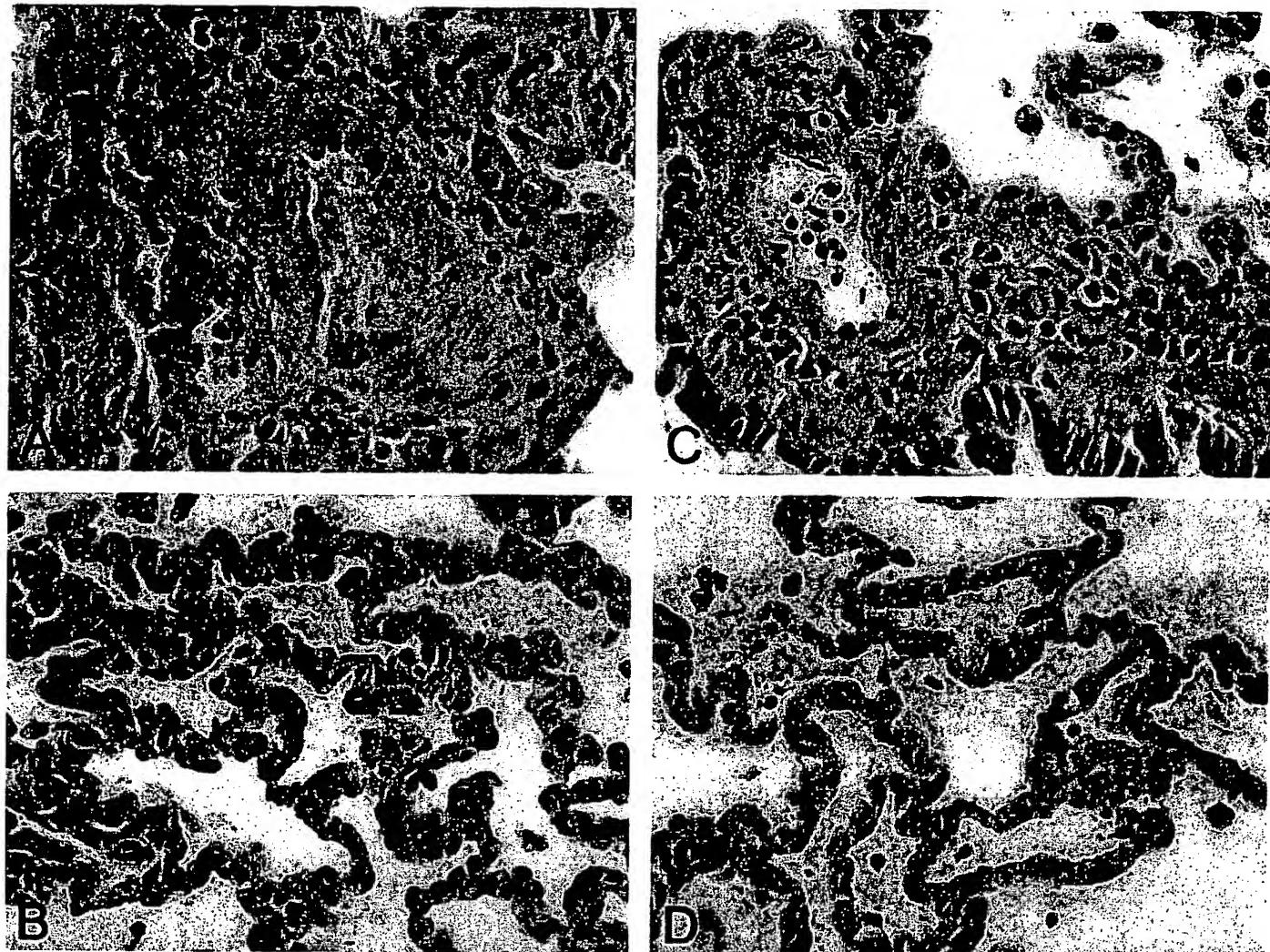
**Figure 4.** Changes in fibrinogen and D-dimer formation in pigs: LPS group (solid line) and CO-LPS group (broken line). Arrows indicate the beginning of LPS administration. **A)** Fibrinogen, values are mean percentage with respect to time C  $\pm$  SD. **B)** D-dimer values are ng/ml  $\pm$  SD.

**Fig. 5**



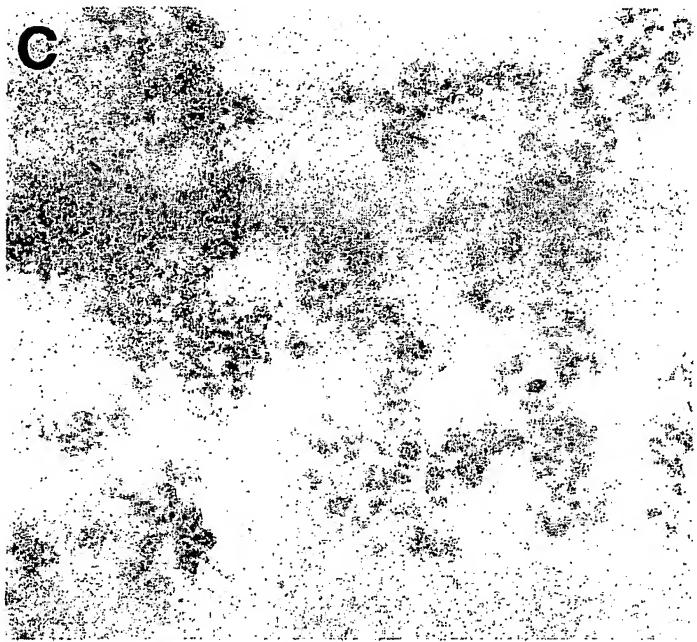
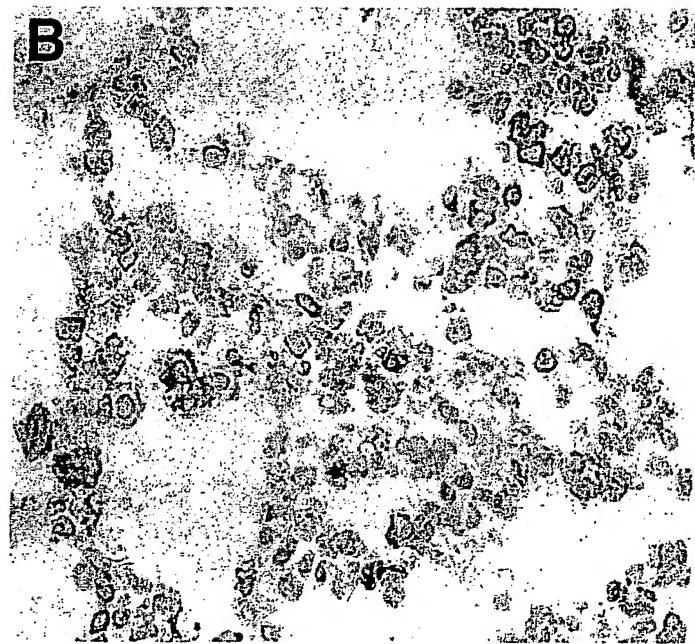
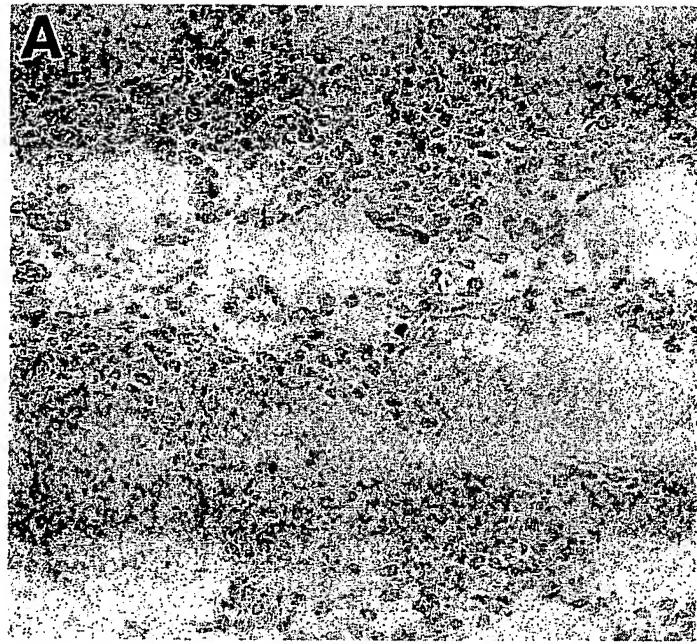
**Figure 5.** Changes in creatinine and urea plasma levels in pigs: LPS group (solid line), CO-LPS group (broken line). Arrows indicate the beginning of LPS administration. **A)** Creatinine, values are mean percentage respect to time C  $\pm$  SD. **B)** Urea values are mg/dl  $\pm$  SD.

**Fig. 6**



**Figure 6.** H&E  $\times 40$  (Olympus BX41 microscope and Olympus DP12 camera). **A–B)** Lung from LPS-treated animal. **C–D)** Lung from CO pretreated animal. **A)** An example of arteriolar vessel with fibrin deposition in the lumen (thrombosis.). **C)** An example of arteriolar vessel with few mononuclear cells in the lumen. **B)** Neutrophilic margination in alveolar capillaries. **D)** Mild margination was seen.

**Fig. 7**



**Figure 7.** Lung tissue immunostaining for ICAM expression, with standard staining techniques. **A)** Sham animal. **B)** Animal treated only with LPS; **C)** CO pretreatment and LPS infusion.